Contents

What is the Biomedical Grid Ontology?

The Biomedical Grid Terminology (BiomedGT) is an open, collaboratively developed terminology for translational research. BiomedGT builds on the strengths of the NCI Thesaurus, including concept orientation, description logic, and public accessibility. While the current terminology has been seeded with NCI Thesaurus content, it is being restructured to facilitate open content development. The goal is to evolve BiomedGT into a set of federated sub-terminologies, with content maintained by experts in the relevant research communities.

BiomedGT is built in Web Ontology Language (OWL) 1.0 using the Protege editor produced by Stanford University. BiomedGT is structured under the Basic Formal Ontology (BFO) in order to align with other biomedical ontologies. Efforts are underway to import concepts and hierarchy from Gene Ontology (GO), Chemical Entities of Biological Interest (CHEBI) and Phenotypic Quality Ontology (PATO). This requires a concerted effort to map these ontologies to current concepts within BiomedGT and determining where BiomedGT concepts can be eliminated and replaced by the federated data.

BiomedGT is registered in the HL7 OID Registry as 2.16.840.1.113883.3.26.1.3.

Discuss Biomedical Grid Ontology Terminology

Please go to the Biomedical Grid Ontology Discussion page to leave comments regarding the Biomedical Grid Terminology.

Examples of comments may include:

- How you are using this terminology
- Why you decided to use (or not use) this terminology
- Strengths or limitations of the terminology
- Comparisons to other similar terminologies

Links

Biomedical Grid Terminology FAQ

Biomedical Grid Terminology Home Page

Presentations

Biomedical Grid Terminology (BiomedGT): What, Why and How?
> Frank Hartel, Russell Hamm, Sherri de Coronado
> June 24, 2008
> This presentation explains the need for BiomedGT and then steps through the site.